

CONTINUOUS PRODUCTION OF HIGH-CONCENTRATION PEARL-LIKE GLOSS AGENT DISPERSION

Patent Number: JP63132973
Publication date: 1988-06-04
Inventor(s): YAMAMOTO HISASHI; others: 01
Applicant(s): LION CORP
Requested Patent: ☐ JP63132973
Application Number: JP19860279340 19861122
Priority Number(s):
IPC Classification: C09C3/08; A61K7/00; A61K7/075; A61K7/08; C11D3/40; C11D9/44
EC Classification:
Equivalents: JP2534483B2

Abstract

PURPOSE: To obtain the titled dispersion giving beautiful pearl-like gloss when incorporated in e.g., shampoo, by continuous fine dispersion, with a line mixer, of each specific low-concentration pearl-like gloss agent dispersion and high-concentration pearl-like gloss agent-dissolved solution followed by aging.
CONSTITUTION: (A) A low-concentration pearl-like gloss agent dispersion containing 0.1-5wt% of fatty acid glycol ester of dispersed state and (B) a high-concentration pearl-like gloss agent-dissolved solution consisting of an aqueous solution containing 6-55wt% of a fatty acid glycol ester having been made homogeneous by heating and 15-60wt% of a surface active agent are fed to the upstream side of a line mixer 11 equipped with agitating blades 13 revolving in the piping, being entrained in said blades revolving at a peripheral speed ≥ 3 m/sec to continuously finely dispersed the component B in the component A. The resulting mixed solution is aged at such temperatures lower than the melting point of said fatty acid glycol ester that the component B can grow at a constant rate without solidification to make said pearl-like gloss agent grow, thus obtaining the objective dispersion.

Data supplied from the esp@cenet database - I2